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(54) GEAR FORMING METHOD AND FORMING DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To dissolve the problem extremely necessitating many forming processes and also necessitating a large sized cold forging press device in the case of cold forging.

SOLUTION: In the case of forming a gear, a gear stock is formed into a prescribed shape including a gear tooth part by hot forging B2, thereafter the gear stock is formed into the gear by cold forging B5. Therefore, the gear stock is formed into a state nearly equal to the completed dimension including the gear tooth part by hot forging. Accordingly, the minimum forming of the gear tooth part forming or the like is executed by cold forging, whereby the number of forming processes is largely reduced and the gear is formed without using the large sized cold forging press device.

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